

STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM FEBR 3 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 13 2009

	ON TO E	ORILL	☐ DEEPEN	I PLU	IG BACK ⊠	FOR AN OI	L WELL	□ OR	GAS WELL
NAME OF COMPANY		OR					V GATE	TO CH	as obuiton
Osborn Energ	y, LLC				CITY		2/11/ STATE		CODE
ADDRESS							KS	-	013
24850 Farley DESCRIPTION	OF WEI	LAND	EASE	THE PERSON NAMED IN	Bucyrus		NO.	200	013
NAME OF LEASE	OF WEL	L AND	LAGE	Parks of Santon	WELL NUMBER		ELEVAT	ION (GROUN	D
Bagby					1-32		959		
WELL LOCATION					BE FROM SECTION LINE				
		1962 ft	. from $\square$ North $\trianglerighteq$	South section lir	ne 701 ft. from	LONGITUDE V	Vest section li	ne	
WELL LOCATION	-b:- 40	Marth	Dance 22 🖂 🖯	ant Mant	38 40246 -	14.47657	Dete		
			Range 32 E			94 28 35.	65 Dates	,	
					ED OR APPLIED - FO	R WELL ON TH	E SAME LEAS	50 FEET	
PROPOSED DEPTH	HUPUSEI	DRILLING (	CONTRACTOR, NAME	AND ADDRESS	ED ON APPLIED - TO	ROTARY OR	CABLE TOOLS	APPROX. D	ATE WORK WILL START
650		Osborr	Energy, LLC	24850 Farley,	Bucyrus, KS			2/13/20	09
NUMBER OF ACRES	N LEASE				S WELL, COMPLETE	D IN OR DRILLI	NG TO THIS RI	ESERVOIR	2
938.15			OF ABANDONED W						
IF LEASE PURCHA	CED WITH					1	O. OF WELLS	PROD	DUCING 0
	SED WITH	ONE OH I	IONE WELLS Drill	LD, I HOW WHOM	TOTOTAGED:			INJE	ECTION 0
NAME									ACTIVE 0
ADDRESS									DONED 1
STATUS	F BOND		SINGLE WELL AMOUNT \$	-	☐ BLANK	ET BOND NT \$ 30000.0	10	Ø ON	I FILE TACHED
	PROP	OSED CAS	ING PROGRAM		APPROVE	D CASING - TO	BE FILLED IN	BY STATE	GEOLOGIST
AMOUNT	SIZ	ZE	WT/FT	CEMENT	AMOUNT	SIZE		WT/FT	CEMENT
20'	7			portland					3 OK
									7
650'	27	/8"		portland		+			
I, the Undersign report, and that complete to the	this repo	ort was pi	epared under m	he <u>OELLC</u> (Co by supervision a	mpany), and that nd direction and th	am authorize	ed by said o	company in are true	to make this e, correct, and
PERMIT NUMBER	isti	v H	auber	Cr.			2.1	1.09	
PERMIT NUMBER	20	380		DRILLER'S LO			LOGS REQUIR		
APPROVED DATE	2	5-	29	_	SIS REQUIRED IF RUI	N Q D	RILL SYSTEM	TEST INFO	REQUIRED IF RUN
	3 -	A -	10.00	SAMPLES REC					
APPROVED BY	LU	1. /	Ulman	SAMPLES NOT	LES REQUIRED AT				
NOTE >	THIS PE	RMIT N	OT TRANSFER	ABLE TO ANY	OTHER PERSON	OR TO ANY	OTHER LC	CATION	•
					ISTITUTE ENDORSEN				
			ALIFICATIONS OF						
I, of the approval of this	permit w	Company	/), confirm that a	an approved drill by presence of	ling permit has be a permit number a	en obtained and signature	by the owne e of authoriz	r of this w	vell. Council il representative.
DRILLER'S SIGNATUR	E						DATE		

RECEIVED

MAR 0 4 2009

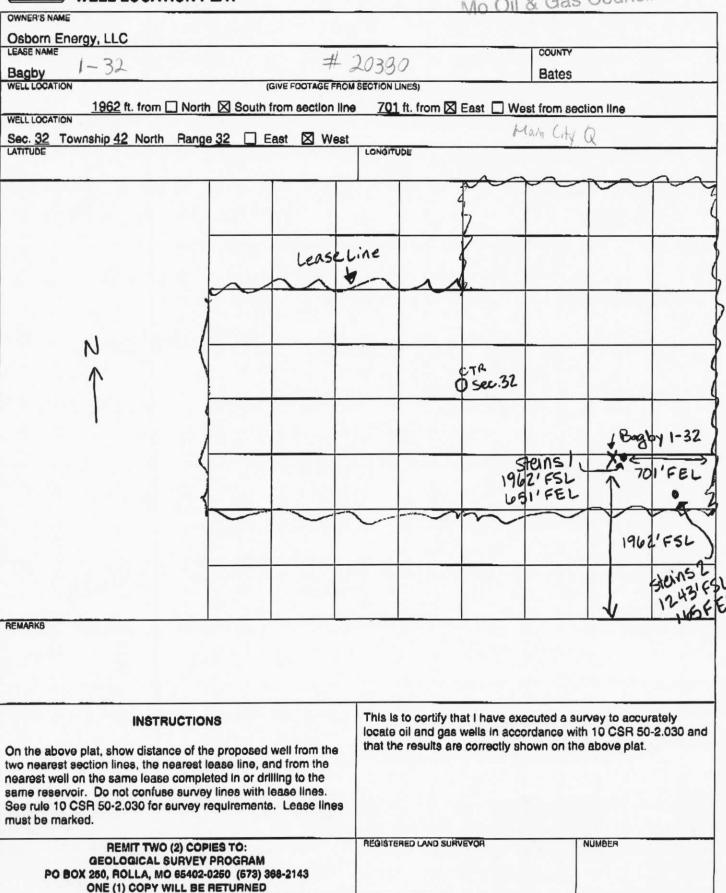
FORM OGC-4

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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

WELL LOCATION PLAT

Mo Oil & Gas Council



\* correction \*

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MAR () 4 2009

STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES

FORM OGC-4

WELL LOCAT	ION PLAT			Mo Oil	& Gas	Counci	1
Daborn Energy, LLC  FASE NAME  Bagby 1-32  FLL LOCATION /90/ 1962 ft. from 1	ic	SIVE FOOTAGE FROM	20337 (BECTION LINES)	240 rom ⊠ East 🔲 We	Bates	ition line	
ELLOCATION  DOC. 32 Township 42 North  ATTURE			LONGITUDE		· · ·	7/87	
		leasel	ine				
N				0 Sec. 32			
				197	eins , 2'fsl 1'fel	7 2	FeL 2
							155L)
AAK8							
INSTR the above plat, show distant to nearest section lines, the n tarest well on the same lease me reservoir. Do not confus- te rule 10 CSR 50-2.030 for rule to marked.	exreet lease line, an completed in or dril e survey lines with le	This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.					
PO SOX 250, ROLLA, MO	(2) COPIES TO: URVEY PROGRAM 0 65402-0260 (573) 30 JULI DE PIETURNED	98-2145	<b>Р</b> ЕФІВТЕРІЕО (.	AND SURVEYOR		Nuidhea	- 100 s

- Taman	STATE OF MISSOURI	FEI
()	STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES	. 5
A 1 PM	GEOLOGICAL SURVEY PROGRAM	
*	GEOLOGICAL SURVEY PROGRAM  APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLU	G BACK

FEB 1 9 2005

FORM OGC-S

NAME OF COMPANY	ION TO DRILL	□ DEEPEN	☐ PLUG	BACK	⊠ FC	OR AN OIL W		OR GAS WELL
Osborn Energ	1. 17 MIN.						DATE	
ADDRESS	4,7, 2.2.			CITY			2/11/2009 STATE	ZIP CODE
24850 Farley			E	Bucyrus			KS	66013
DESCRIPTION NAME OF LEASE	OF WELL AN	DLEASE	AND ROBERTS					
Bagby				VELL NUMBER			FIEVATION (GR	IOUND
WELF LOCATION	# 1901		GIVE FOOTAGE	-32 FROM SECTION	LINES)		959	
WELL LOCATION	1962	ft. from 🗌 North 🔯		781 ft.	rom ⊠	East   West	section tine	
	nship 42 North	Range 32 🔲 Ea	1	ATITUDE	LON	GII (II)I-	COUNTY	
VEAREST DISTAN	CE FROM PROPOS	ED LOCATION TO PRO	DECTY OF LEACH	NE BAS FEE	* * 2	40	Bates	
HSTANCE FROM I	PROPOSED LOCAT	TION TO NEAREST ORIL G CONTRACTOR, NAME AN	LING, COMPLETED	OF APPLIED	- FOR W	ELL ON THE SAL	ME LEASE SO FI	EET SII ¥
норовер берти 50	DONELIN	G CONTRACTOR, NAME AN	D ADDRESS		ra ra	DTAHY OR CABLE		
UMBER OF ACRES	NIFASE	rn Energy, LLC 24						/5008
38.15		R OF WELLS ON LEASE		WELL, COMPL	ETED IN	OR DRILLING TO	THIS RESERVE	oia 2
LEASE DUDONA		HOF ABANDONED WE MORE WELLS DRILLE	m			NO O	- WELLO D	DODUCINO D
AME	OCT WITH DIE OF	MORE WELLS DRILLE	D, FHOM WHOM PUI	HUHASED?		NO. O		RODUCING Q INJECTION Q
SESTRICAL								INACTIVE ()
	- 10	I F amo F					At	SANDONED 1
STATUS	OF BOND	SINGLE WELL AMOUNT \$			ANKET	30000.00		ON FILE ATTACHED
		ASING PROGRAM			OVED CA		ILLED IN BY ST	AYE GEOLOGIST
AMOUNT (20)	PROPOSED CA	ASING PROGRAM	CEMENT	APPR AMOUNT	OVED CA	SING - TO BE F	ILLED IN BY ST	ATE GEOLOGIST CEMENT
	SIZE		CEMENT		OVED CA			
	SIZE				OVED CA			
850°	SIZE 7 2 7/8*	WT/FT	partland portland	AMOUNT		SIZE	WT/FT	CEMENT
eso,	SIZE 7 27/8* ed, state that I a	wr/FT	portland  DELLC (Compa	AMO(INT	me I lau	SIZE	WT/FT	CEMENT 1 /C
eso" the Undersign	SIZE 7 27/8* ed, state that I a	em the <u>Agent</u> of the	portland  DELLC (Compa	AMO(INT	me I lau	SIZE	WT/FT	CEMENT 1 /C
eso' the Undersign	SIZE 7 27/8* ed, state that I at this report was p	em the <u>Agent</u> of the	portland  DELLC (Compa	AMO(INT	me I lau	SIZE	WT/FT	CEMENT 1 /C
the Undersign port, and that implete to the lawfull:	SIZE 7 27/8* ed, state that I at this report was p	em the <u>Agent</u> of the	portland  DELLC (Compa	AMO(INT	me I lau	SIZE	/ said compar therein are t	ny to make this rue, correct, and
the Undersign	SIZE 7 27/8* ed, state that I at this report was post of my know	om the Agent of the prepared under my stedge.	portland  portland  OELLC (Compa	any), and th	me I lau	size  authorized by the facts stated	/ said compar f therein are to	ny to make this rue, correct, and
the Undersign port, and that templete to the landstant:	ed, state that I at this report was post of my know	om the Agent of the prepared under my stedge.	portland  DELLC (Compa	any), and the direction and	eat I am d that th	authorized by	/ said compart therein are to	ny to make this rue, correct, and
the Undersign port, and that implete to the lawfull:	SIZE 7 27/8* ed, state that I at this report was post of my know	m the Agent of the prepared under my stedge.	portland  portland  OELLC (Company of the company o	AMOUNT  any), and the direction and the directio	eat I am d that th	authorized by	/ said compart therein are to	ny to make this rue, correct, and
the Undersign port, and that templete to the landstant:	ed, state that I at this report was post of my know	m the Agent of the prepared under my stedge.	portland  Portland  OELLC (Compagner/Island of Company)  DRILLEN'S LOG RI CORE ANALYSIS IS SAMPLES REQUIR SAMPLES NOT RE	any), and the direction and th	eat + am d that th	authorized by	/ said compart therein are to	ny to make this rue, correct, and
the Undersign port, and that implete to the implete i	ed, state that I at this report was post of my know	am the Agent of the prepared under my seledge.	portland  Portland  OELLC (Compassive Vision and Company)  DIRECTOR ANALYSIS FOR SAMPLES REQUIRES AND RESERVANDES NOT REWATER SAMPLES	AMOUNT  any), and the direction and the directio	rat + am d that th	authorized by the facts stated	/ said compart therein are to part?  HEQUIRED IF HEYSTEM TEST INF	ny to make this rue, correct, and
the Undersign port, and that implete to the implete i	SIZE 7 27/8*  ed, state that I a this report was post of my know  3 - 5 - 6	mm the Agent of the prepared under my seledge.	portland  Portland  OELLC (Compassive Vision and compassive Vision	any), and the direction and th	eat I am d that th	authorized by the facts stated	A said compared therein are to part the rein are the rein ar	ny to make this rue, correct, and
the Undersign port, and that to implete to the implete	SIZE 7 27/8*  ed, state that I a this report was post of my know  3 - 5 - 6  CHIS PERMIT'S	mm the Agent of the prepared under my seledge.	portland  Portland  OELLC (Compassipervision and company)  CORE ANALYSIS FOR SAMPLES NOT REWATER SAMPLES  LE TO ANY OTHOOES NOT CONSTITUTE OF SAMPLES	any), and the direction and th	eat I am d that th	authorized by the facts stated	A said compared therein are to part the rein are the rein ar	ny to make this rue, correct, and
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the Undersign port, and that implete to the implete imp	ed, state that I a this report was post of my know 3 - 5 - 0  THIS PERMIT'S THE CEMENT OF THE Q	m the Agent of the prepared under my stedge.	portand  Portand  DELLC (Compassive supervision and contents of the supervision and contents o	AMOUNT  any), and the direction and technical interpretation and technical	eat   am d that th	authorized by the facts stated of Filogs DRILL'S	A SAID COMPART  A SAID COMPART  THE THE THE THE THE THE THE THE TEST IN THE	THE PROPOSED
the Undersign port, and that is implete to the implete i	SIZE 7 ed, state that I a this report was post of my know 3 - 5 - 6 FHIS PERMIT'S PERMIT BY THE COMMENT OF THE QUENTIL WILL De short	m the Agent of the prepared under my stedge.	portand  Portand  DELLC (Compassive supervision and contents of the supervision and contents o	AMOUNT  any), and the direction and technical interpretation and technical	eat   am d that th	authorized by the facts stated of ELOGS DRILL STORE THE GEOLOGICAL DISTRIBUTE OF THE GEOLOGICAL DISTRIBUTE OF AUTHORS THE AUTHORS THE GEOLOGICAL DISTRIBUTE OF AUTHORS THE AUTHO	A SAID COMPART  A SAID COMPART  THE THE THE THE THE THE THE THE TEST IN THE	THE PROPOSED

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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

CONFIDENTAL Oil & Gas Council

NEW WELL DRY	] WORKOVE	R DEEPE	EN PLUG BAG	CK INJECTI	ON SAME RE	SERVOIR DI	FFERENT RESER	RVOIR 🛛	OIL GAS	
OWNER					ADDRESS					
Osborn Energ	v IIC				24850 F	arley Bucyrus	KS 66013			
LEASE NAME	y, LLO				WELL NUMBE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Bagby					1-32					
LOCATION OF WELL	SEC T	WN RNG	OR		BLOCK AND SURVE	Υ		LATITUDE	LONGITUDE	
Sec. 32 Twp 42 N	lorth. Rna (	32 □East ☒	West OR 190	1 ft. from No	orth South 24	ft. from East	□West			
COUNTY	,		IBER (OGC-3 OR OG							
Bates		20380								
DATE SPUDDED		The second secon	DEPTH REACHED		LETED READY TO		F, RKR, RT, OR Gr.)			
6/23/2009		6/25/200	19	PRODUCE O		FEET	FLANGE			
			TOTAL DEPTH	8/24/200	)9	9	55		FEET	
TOTAL DEPTH			TOTAL DEPTH							
920 PRODUCING OR INJE	OTION INITED	NA	C COMPLETION		I BOTABY TOO	OLS USED (INTERVA	1)	CARLET	TOOLS USED (INTERVAL)	
		VAL(S) FOR THE	3 COMPLETION		0 TO 320	DEG GOED (IIVIEIVIV	/		· · · · · · · · · · · · · · · · ·	
214-226 and 2		DILLEDO I	WAS DIRECTIONAL	SUBVEY MADE?	DRILLING FLI	UID USED Air OF DIRECTIONAL SUR	RVEY EII ED?	DATE FI	LED	
		RILLED?				_				
Yes TYPE OF ELECTRICAL	⊠ No	OCC PUN / ILIC	Yes	No No	Yes Yes	∐ No	,	DATE FI	LED	
			I LOGS FILED WITT	THE STATE GEO	Lodioty			8/31/2		
Gamma Ray N	Neutron (	CL		04014	ic proops			0/31/	2009	
<b>科斯克斯斯克利克</b>		<b>STATE OF THE PARTY OF THE PART</b>			IG RECORD	AND SHOULD BE SH	HALLIA STA		Charles Warren	
CASING (REPOR	T ALL STE	RINGS SET I	N WELL - CON	DUCTOR, SU	RFACE, INTERI					
PURPOSE	SIZE HO	LE DRILLED	SIZE CASING	SET WE	IGHT (LB. FT)	DEPTH SET	SACKS CE	MENT	AMOUNT PULLED	
Surface	9 1/4"		7"			22.50' 3			0	
Production	6 1/4"		2 7/8"			320' 49			0	
				The second second					NICH STATE OF STREET	
	TURING DECORD							RD		
SIZE		JBING REC		SIZE	TOP	ВОТТОМ	LINER RECO SACK	RD S CEMENT	SCREEN	
SIZE	DEPTH SET	PAC	CKER SET AT			воттом	SACK			
SIZE	DEPTH SET	EET PAC	FEET	SIZE	FE	ВОТТОМ	FEET	S CEMENT	FEET	
	DEPTH SET	PAC	FEET		ACID,	ET BOTTOM SHOT, FRACT	FEET FURE, CEMEI	S CEMENT	FEET EEZE RECORD	
	DEPTH SET	EET PAC	FEET RECORD		ACID,	ВОТТОМ	FEET FURE, CEMEI	S CEMENT	FEET	
INCH NUMBER PER FE	DEPTH SET  F PERF	EET ORATION I	FEET RECORD	INCH PTH INTERVAL	ACID,	ET SHOT, FRACTOUNT AND KIND O	FEET FEET FEET	NT SQUE	FEET EEZE RECORD TH INTERVAL	
INCH	DEPTH SET  F PERF	EET ORATION I	FEET RECORD	INCH	ACID,	ET BOTTOM SHOT, FRACT	FEET FEET FEET	NT SQUE	FEET EEZE RECORD	
NUMBER PER FE	PERF	EET ORATION I SIZE AND TY 2" DML R	FEET RECORD  PE DEF	INCH PTH INTERVAL 214-226	ACID,	ET SHOT, FRACTOUNT AND KIND O	FEET FEET FEET	NT SQUE	FEET EEZE RECORD TH INTERVAL 14-226	
INCH NUMBER PER FE	PERF	EET ORATION I	FEET RECORD  PE DEF	INCH PTH INTERVAL	ACID,	ET SHOT, FRACTOUNT AND KIND O	FEET FEET FEET	NT SQUE	FEET EEZE RECORD TH INTERVAL	
NUMBER PER FE	PERF	EET ORATION I SIZE AND TY 2" DML R	FEET RECORD 'PE DEF	214-226 230-238	ACID, AMO  50 a	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CID, 60 SX SAI	FEET F TURE, CEMEI	NT SQUE DEPT 2	FEET FEZE RECORD TH INTERVAL 14-226 30-238	
NUMBER PER FE	PERF	EET ORATION I SIZE AND TY 2" DML R 2" DML R	FEET RECORD 'PE DEF	214-226 230-238	ACID, AMO  50 a	SHOT, FRACTOUNT AND KIND OF IATERIAL USED CID, 60 sx sar	FEET F TURE, CEMEI	NT SQUE DEPT 2	FEET FEZE RECORD TH INTERVAL 14-226 30-238	
NUMBER PER FE 2 perfs 2 perfs DATE OF FIRST PROCE 8/27/2009	PERF	EET ORATION I SIZE AND TY 2" DML R  2" DML R  NJECTION	FEET  FEET  RECORD  PE  DEF  TG  PRODUCING  Pumping	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA	FE ACID, AMO  50 a  PRODUCTION TE IF FLOWING, GAS	SHOT, FRACTOUNT AND KIND OF MATERIAL USED CID, 60 SX SAIR SLIFT, OR PUMPING	FEET F TURE, CEMEN	DEPT  2  OW SIZE AN	FEET EEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.)	
NUMBER PER FE 2 perfs 2 perfs Date of first proc	PERF	EET ORATION I SIZE AND TY 2" DML R 2" DML R	FEET  FEET  FEET  FEET  FEET  FEET  FEET  PE  PE  PE  PUMping  SIZE OIL PRODUCTIONS  PUMPING  PUMPING	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA)	FE ACID, AMO  50 a  PRODUCTION TE IF FLOWING, GAS	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CID, 60 SX SAI	FEET F TURE, CEMEI	DEPT  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238	
NUMBER PER FE  2 perfs  2 perfs  Date of First Proce 8/27/2009  Date of Test	PERF SET  DUCTION OR I	EET ORATION I SIZE AND TY 2" DML R 2" DML R	FEET  RECORD  PE DEF  TG  PRODUCING Pumping  SIZE OIL PRODUCING TEST	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA) - UCED DURING	FE ACID, AMCO N 50 a PRODUCTION TE IF FLOWING, GAS GAS PRODUCE	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET F  TURE, CEMEN  F  THE PUMPING, SHOWATER PRODUCE TEST	DEPT  2  OW SIZE AN	FEET EEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.)	
INCH  NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROD  8/27/2009  DATE OF TEST  \$\( 27 \cdot	DEPTH SET  F PERF  EET  DUCTION OR I  HOURS TEST	SIZE AND TY 2" DML RT 2" DML RT NJECTION	FEET  FEET  FEET  FEET  FEET  FEET  FEET  PE  PE  PE  PUMPING  Pumping  SIZE  OIL PRODUCTORS  TEST	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA) - UCED DURING BBLS	FE ACID, AMCO M 50 a  PRODUCTION TE IF FLOWING, GAS GAS PRODUCE	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET F  TURE, CEMEN  F  THE PUMPING, SHOWATER PRODUCE TEST	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY	
NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROCE 8/27/2009  DATE OF TEST	DEPTH SET  F PERF  EET  DUCTION OR I  HOURS TEST	EET ORATION I SIZE AND TY 2" DML R 2" DML R	FEET  RECORD  PE DEF  TG  PRODUCING Pumping  SIZE OIL PRODUCING TEST	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA - UCED DURING BBLS E OF	FE ACID, AMCO SO A  PRODUCTION TE IF FLOWING, GAS GAS PRODUCE  NA MCF	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET FURE, CEMEI F and WATER PRODUCE TEST AB WATER	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY API (CORR.)	
NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROD  8/27/2009  DATE OF TEST  \$\times 27 \cdot \	DEPTH SET  F PERF  SET  DUCTION OR I HOURS TEST  CASING P	EET ORATION I SIZE AND TY 2" DML R  2" DML R  NJECTION  TED CHOKE S	FEET  FEET  RECORD  PE  TG  PRODUCING  Pumping  SIZE  OIL PRODUCING  TEST  CALCULATED RAT  PRODUCTION PEF	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA - UCED DURING BBLS E OF R 24 HOURS	FE ACID, AMON 50 a  PRODUCTION TE IF FLOWING, GAS  GAS PRODUCE  NA MCF	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET F  TURE, CEME  To and  The pumping, Shirt State of the state of t	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY API (CORR.)	
INCH  NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROCE 8/27/2009  DATE OF TEST  X 27 09  TUBING PRESSURE	DEPTH SET  F PERF  SET  DUCTION OR I HOURS TEST  CASING P	EET ORATION I SIZE AND TY 2" DML R  2" DML R  NJECTION  TED CHOKE S	FEET  FEET  RECORD  PE  TG  PRODUCING  Pumping  SIZE  OIL PRODUCING  TEST  CALCULATED RAT  PRODUCTION PEF	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA - UCED DURING BBLS E OF R 24 HOURS	FE ACID, AMCO SO A  PRODUCTION TE IF FLOWING, GAS GAS PRODUCE  NA MCF	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET FURE, CEMEI F and WATER PRODUCE TEST AB WATER	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY API (CORR.)	
INCH  NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROD  8/27/2009  DATE OF TEST  \$\times 27\cdot \times 9  TUBING PRESSURE  DISPOSITION OF GAS  \$\times A	DEPTH SET  F PERF  SET  CASING P  CASING P	PACE EET ORATION I SIZE AND TY 2" DML R 2" DML R NJECTION TED CHOKE S RESSURE	FEET  FEET  RECORD  PE  TG  PRODUCING  Pumping  SIZE  OIL PRODUCING  TEST  CALCULATED RAT  PRODUCTION PEF	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA - UCED DURING BBLS E OF R 24 HOURS	FE ACID, AMCO SO A  PRODUCTION TE IF FLOWING, GAS GAS PRODUCE  NA MCF	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET FURE, CEMEI F and WATER PRODUCE TEST AB WATER	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY API (CORR.)	
INCH  NUMBER PER FE  2 perfs  2 perfs  DATE OF FIRST PROCE 8/27/2009  DATE OF TEST  X 27 09  TUBING PRESSURE	DEPTH SET  F PERF  SET  CASING P  CASING P	PACE EET ORATION I SIZE AND TY 2" DML R 2" DML R NJECTION TED CHOKE S RESSURE	FEET  FEET  RECORD  PE  TG  PRODUCING  Pumping  SIZE  OIL PRODUCING  TEST  CALCULATED RAT  PRODUCTION PEF	INCH PTH INTERVAL 214-226 230-238 INITIAL METHOD (INDICA - UCED DURING BBLS E OF R 24 HOURS	FE ACID, AMCO SO A  PRODUCTION TE IF FLOWING, GAS GAS PRODUCE  NA MCF	BOTTOM ET SHOT, FRACT OUNT AND KIND O IATERIAL USED CId, 60 SX SAI	FEET FURE, CEMEI F and WATER PRODUCE TEST AB WATER	DEPT  2  2  OW SIZE AN	FEET FEZE RECORD TH INTERVAL 14-226 30-238 D TYPE OF PUMP.) OIL GRAVITY API (CORR.)	
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INSTRUCTIONS: Attach drillers log or other acceptable log of well.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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Mo Oil & Gas Council

## Bagby # 1-32

1901 FSL, 240 FEL

Section: 32-T42N-R32W Bates County, Missouri Permit #:

20380

Elevation:

955' GL

Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)

6/23/2009

Rotary Total Depth: 320 on 6/25/2009

Production Bore Hole: 6 1/4"

Drilling Fluid:

air

Surface Csq.:

7" in 9 ¼" hole

Production Csg.:

2 7/8" set at 320

Geologist: Driller:

Curstin Hamblin Brian Schwab

Formation D	riller Log Tops	E-Log	Datum
Stark Shale	None		
Hushpuckney Shale	None		
	None		
Base Kansas City	No call		
Knobtown Sand			
Carbonaceous Zone in Tacket Fm.			
"Big Lake" Sand	No call	100	770
South Mound Zone	176	176	779
Hepler (Wayside) Sand	205	205	750
"Upper" Mulberry Zone	256	254	701
Mulberry Zone	No call	267	688
Weiser Sand	No call		
Myrick Station	317-318		638
Anna Shale (Lexington Coal Zone			646
Peru Sand	314		641
reru Sand	<b>71</b> 1		
Rotary Total Depth	320 <b>′</b>		

Drilling at 40' in the Kansas City on 6/24/2009 at 7:00am Background Gas (BG) 23.4 units

21-30: SH: grey, gummy

31-40: LS: white/tan angular, noduler, SS: grey(36), SH: dk grey(31-32)

Sand gave up water, we are drilling with water now

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Mo Oil & Gas Council
41-50: SH: grey, sandy, SS: grey, small grained
51-60: SS: grey, small grained, quartz, mica-slight oil show in pit, no odor,
61-70: SS: small grained, grey, gummy. Friable-Samples are very fine and look
71-80: SS: black dust, SH: grey, sandy, gummy, SS: 1t grey, small grained
81-90: SS: It grey, small grained, no oil shows
The well is making a fair amount of water. It does not feel greasy to the
touch. No noticeable oil in pit.
91-100: SS: It grey, small grained, oil stains visible, gummy
101-110: SH: 80%, grey, gummy, SS: grey
111-120: SH: grey, gummy
121-130: SH: grey, gummy, SS: dissolves in water
131-140: SH: grey, gummy
141-150: SS: white, fine grained
151-160: SS: It grey, very fine grained
161-170: SH: grey, gummy
171-180: SH: dk grey, SH: grey, gummy
SOUTH MOUND ZONE Geologist called @176', gas kick of 0 units over BG
176-177: SH: dk grey/black
181-190: SH: grey, gummy
191-200: SS: grey, small grained
200-210: SH: grey, SS: white, large grained, Pyrite, blocky- Oil show
HEPLER (WAYSIDE) SAND geologist called at 205, gas kick over 1000 units
**GAS TEST @207', 115 MCF Total**
205: Oil sand-gas kick out of range- over 1000 units-no noticeable oil on
samples, tan oil did come out with the water-Crushed oil shows breakout oil
Core:
Attenuation moved to x8-BG at 70 units.
Gas increase to 90 units- 80 unit increase, gas continues to increase, up to 109
X8-152 increase total
1st Core: Cored from 207-226: During the core, very few samples came out.
samples that did come out were shale and some sand. During the core, there was
a fair amount of tan, thin oil that drained into the pit.
207-208: SS: grey, medium grained, bleeding oil, friable, not well cemented
208-209: SS: grey, medium grained, bleeding oil, friable, not well cemented
209-210: SS: grey, bleeding oil, friable, not well cemented
210-211: SS: grey, bleeding oil, friable, not well cemented
211-211.5: SS: grey, bleeding oil sand, friable, not well cemented
211.5-212: SH: grey, gummy, sandy
212-213: SH: grey, gummy, sandy
213-214: SS: shaley, friable, not well cemented, bleeding oil
214-215: SS: bleeding oil, friable, laminated
215-216: SS: bleeding oil, friable, laminated
216-217: SS: bleeding oil, friable, laminated
217-218: SS: bleeding oil, friable, laminated
218-219: SS: bleeding oil, friable, laminated
219-220: SS: bleeding oil, friable, laminated
```

220-221: SS: bleeding oil, friable, laminated 221-222: SS: bleeding oil, friable, laminated

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222-223: SS: shaley, not well cemented, gummy, some bleeding oil
223-224: SS: shaley, not well cemented, gummy, some bleeding oil Oil & Gas Council
224-225: SS: shaley, not well cemented, gummy, some bleeding oil
225-225.11: SS: shaley, not well cemented, gummy, some bleeding oil
225.11-226: SH: grey
```

### \*\*GAS TEST @ 220', decrease to 85 mcf \*\*

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2<sup>nd</sup> Core: Cored from 227-246: Started at 2:23pm
BG: 112 total, attenuation is set at x4.
Descriptions of drilling:
227-229: SH
229-233: oil sand, bleeding oil, odor
233-234: oil sand, bleeding oil, odor
Gas kick of 228 units over bg
234/235-237: Shale
237-240: sand, bleeding oil, gas kick of 294.4 units over bg, bleeding oil
240: gas kick of 76 units over bg
245: gas kick of 1152 over bg
**GAS TEST @246', decrease to 54 MCF Total**
```

# Descriptions of Core:

Measured and bagged the core as fast as possible. A storm is rolling in. Shut down at 4:38pm on 6/24/2009

Started drilling/core at 6:40am on 6/25/2009.

# 3rd Core:

```
BG at 26x2
Core Description below:
246-247: SH: grey, gummy, broken, sandy, some oil show
247-248: SH: grey, gummy, sandy, some oil show
248-249: SS: grey, friable, not well cemented, shaley, bleeding oil
249-250: SS: grey, bleeding oil, friable, but grading to well cemented. Still
bleeding oil in well cemented samples
250-251: SS: grey, well cemented, banded, bleeding oil
251-252: SS: well cemented, grey, banded, bleeding oil
252-253: top 4" SS: well cemented, grey, banded, bleeding oil, bottom 8" LS:
sandy, banded, mica
253-254: LS: grey, sandy, banded, mica, last 2": grading to grey/green SH
254-255: SH: dk grey, striated
255-256: SH: dk grey, striated
```

#### OIL Description:

48-50: bleeding oil came back immediately after cleaning- friable 50-51.5: bleeding oil came back on the banding after a few min- well

51.5-52.5: bleeding oil came back some, but not much

52.5-53.5: LS

53.5-56: SH

Coring is finished. Drilled out the rest to TD. Sample descriptions are below.

MULBERRY COAL FORMATION Geologist called @256', gas kick of 0 units over BG 254-260: 254: SS: white, large grained, bleeding oil on surface, lots of breakout oil when crushed, medium firmness 255: LS: grey,

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256: SH: dk grey, 257-260: SH: grey, gummy

261-270: LS: 1t grey, SH: black, Coal-mostly coal

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269: SH: black, very good gas in samples, lots of coal 271-280: LS: (275) cream, calcitic inclusions, SH: grey, gummy

281-290: LS: cream/tan, LS: dk grey

291-300: SH: grey, siltstone, lots of pyrite

Gas kick of 68 units CG: 38.6 units over bg

#### WEISER SAND- no call

LEXINGTON COAL ZONE Geologist called @309-313', gas kick of 30 units over BG \*\*GAS TEST @320', MCF Total\*\*

309: SH: dk grey and black- good gas in the samples 301-310: SH: dk grey, limey, LS: tan, noduler, Pyrite

311-320: SH: grey, dk grey, SS: (314) lt grey, medium grained

Total Rotary Depth, 320 on 6/25/2009 \*\*GAS TEST @320', MCF Total \*\*

Summary-Gas:

South Mound:

0 MCf

Hepler:

115 MCF

Lexington:

Total:



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FOREMAN

TREATMENPREPORTAS Council **FRAC & ACID** 

DATE	CUSTOMER #	WELL	NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
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					478	Morans		
CITY		STATE	ZIP CODE		488/11/2	Slare		
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	WELL			_				
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TUBING WEIGH	Г	OPEN HOLE			( come	Water	50 15%	
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PO Box 884, Chanute, KS 66720

SEP 03 2009

TICKET NUMBER

LOCATION Offama Mo Oil & Gas Council FOREMAN Fred M

FIELD TICKET & TREATMENT REPORT

CEMENT

620-431-9210	or 800-467-8676		Missouri				
DATE	CUSTOMER#	WELL NAME & NUMBER	3	SECTION	TOWNSHIP	RANGE	COUNTY
8/12/09 CUSTOMER	6073	Bag by \$1-32		SE1432	42	32	Bates
	orn E-	rengy LLC	2	TRUCK#	DRIVER	TRUCK #	DRIVER
		1/		506	Fred		
248	50 Fa	rley		495	Casey		
CITY		STATE ZIP CODE		510	Arlen		
	rus		L				
	ngskring	HOLE SIZE 644 HO	DLE DEPTH_	310'	CASING SIZE & WE	IGHT 27	" EUE
CASING DEPTH	303,	DRILL PIPETU	BING			THER	
SLURRY WEIGH	Τ	SLURRY VOL WA	ATER gal/sk		CEMENT LEFT in C	ASING 2%	"Plus
DISPLACEMENT	1.76BBL	DISPLACEMENT PSI MIX	X PSI		RATE 4BPN		7
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QUANITY or UNITS	DESCRIPTION of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
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49.s.KS	OWC Cement			784 04
12*	Flo Scal			236
100#	Premium Gel			16 00
1	25" Rubber Plug			22=
		6.8%	SALES TAX	5751
MADE	TITLE		ESTIMATED TOTAL DATE_	20807
	10f 2 1/20f 70mi 308 1.61.21. T/m 495KS 12# 100#	PUMP CHARGE Coment Pump Yz of 70 mi MILEAGE Pump Truck 303 Casing too tage 141.21 T/m Ton Mileage  49 sks Owc Cement 12# Flo Scal 100# Premium Gal 1 2/2" Rubber Plug	10f 2 PUMP CHARGE Coment Pump  1/2 of 70 mi MILEAGE Pump Truck  308 Casine footage  1/41.3! T/m Ton Mileage  49 sks Owc Cement  12 Flo Scal  100# Premium Gal  1 2/5" Rubber Plug  16.83	10 f 2 PUMP CHARGE Coment Pump  Yz of 70 mi MILEAGE Pump Truck  303 Casine footego  141.3! T/m Ton Mileage  49 sks Owc Cement  12 Flo Scal  100 Premium Cal  1 2/2 Rubber Plug  16.83 SALESTAX  ESTIMATED  TOTAL

WO 230 833



24850 Farley, Bucyrus, KS 66013 • Ph: 913-533-9900 • Fax: 816-618-3152

# facsimile transmittal

To:

From:

Jeff Jaquess

Fax:

Date:

573-368-2111

Curstin Hamblin- Osborn Energy, LLC

6/22/2010

RECEIVED

Re:

OGC-6 Notice of Intent to Plug

Pages:

4

Mo Oil & Gas Council

Cc:

LI Urgent | | For review

: Please comment

11 Please reply

17 Please recycle

Jeff,

Thank you for permission to plug the Bagby 1-33, Bagby 1-32, and Scott 1-23 wells. They will be plugged 6/23/2010 at 10am by Consolidated oil well services.

Thank you,

Curstin Hamblin Osborn Energy, LLC 913-533-9900



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES

FORM OGC-6

ME OF LEASE  AGDY  32  SETION  32  SE ELEVATION OF THE G  55 FEET ABOVE SEA LE	# 20380  LOCATION  1901 ft from North TOWNSHIP  42 North	South Section Line and	6/22/20	
32 32 E ELEVATION OF THE G	1901 ft from North	South Section Line and		10
32 E ELEVATION OF THE G	TOWNSHIP	South Section Line and	0/22/20	10
32 ELEVATION OF THE G	TOWNSHIP		240 ft from 🛛 East 🗆 W	est Section Line
ELEVATION OF THE G	42 North	RANGE	COUNTY	
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nsolidated Oil Well S	Services	Caty	STATE	ZIP
2 S. Grant PO Box	884	Chanute	KS	66720
LE OF WORK (INDICATE SIZE	KIND, AND DEPTH OF PLUGS, WHERE	CASING WILL BE PULLED, OTHER PER	ITINENT DETAILS)	
			RECEI JUN 25 Mo Oil & G	VED 2 2010 as Council



FORM OGC-7



#### STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

**PLUGGING RECORD** 

JUL 21 2010

OWNER'S NAM	IE						ADDRESS	Mo	Oil & (	Gas Co	ouncil
Osborn E	nergy, LL	С					24850 Farley,	Bucyrus,	KS 66013	3	OR OGC-31 NUMBER
Bagby							1-32		20380		
LOCATION OF			OR BLOCK AND				LATITUDE	LONGITU	JDE	COUNTY	
Sec. 23 To	wnship 42 I	North Ran	ge <u>32</u>	st 🛛	West					Bates	T BBVG
APPLICATION	nergy, LL	WELL WAS FIL	ED IN NAME OF:	HAS	Yes X	OR GAS?	CHARACTER OF WELL OIL (BBLS/DAY)	AT COMPLE	GAS (MCF/DAY		DRY?  Yes No
DATE OF ABAN	DONMENT	TOTAL DEPT	н			ODUCING	PRIOR TO ABANDONMEN	NT	WATER (BBLS/	DAY)	
6/23/2010	)	320		OIL (E	BBLS/DAY)		GAS (MCF/DAY)				
The same of the sa	ormation contain ormation open to oment		Fluid content	of each	of each formation Depth in		sterval of each formation			and depth of plu amount of cem	
								pump 1	15 sacks o	of 50/50 po	oz
								cemen	t with 15#	cotton se	ed hulls
								from to	to surface	9	
SIZE PIPE	PUT IN V	VELL (FT)	PULLED O	UT	LEFT IN	Jesus en rouges	GIVE DEPTH AND OF PARTING CA (SHOT, RIPPED,	ASING	ı	PACKERS AN	ID SHOES
7"	22.5'				22.5'						
2 7/8"	320		320		0						
WAS WELL FILE			?			DEEPEST F	ORMATION CONTAINING	FRESH WAT	ER		
Yes NAME AN	N ADDRES	No	DIACENT	EAS	BKC	ATORS	OR OWNERS OF	E THE SI	REACE		
NAME AN			ADJACENT	LAC	SE OPEN		UNIVERSAL 18	111-50	HISTORY WITH	TION FROM	THE WELL
	NAM	ME				ADDF	RESS		DIREC	TION FROM 1	HIS WELL
1.50	OF DISPOS IUD PIT ITENTS	AL Drille	ed with air a	and v	vater, no	mud. I	Let water evapo	rate, the	n filled pit	with a ba	ckhoe
		IN DUPLICATE	WITH: (USE REVE	RSE S	IDE FOR ADD	DITIONAL DI	ETAIL)				
	is report; ar	nd that this	ned, state the report was performed of my knowledge.	repa	red under	ent of the rmy sup	ne <u>OELLC</u> (Comp pervision and direc	pany), and	that I am a	authorized ts stated th	by said company erein are true,
SIGNATURE	Cur	trú -	Hours	e	$\sim$			7.122.2		7.19.	10
MO 780-0217 (0	9-01)	REMIT	TWO (2) COPIES	TO: MI	SSOURI OIL A	AND GAS C	OUNCIL, PO BOX 250, RO	OLLA, MO 654	02 573/368-21	65.	

# **DETAIL OF FORMATIONS PENETRATED** воттом DESCRIPTION (SEE \* BELOW) TOP **FORMATION** See the Geological Report RECEIVED JUL 21 2010 Mo Oil & Gas Council

NOTE

Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures, and recoveries.

INSTRUCTIONS

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.